# NATURE NOTE BOOK. INTERLEAVED.

- Margaret Deck -

-Book III -

41

august 13.

Margaret Deete-

We found this flower growing on the rocks helow the tennis court hill. I cannot frid its hame; it seems exactly the same as the pink rock primula graving on the precipiece path, except that the leaves are different. Instead of growing in a rosette at the Lottom, They are large, radical, and Lainy. It seemed to be almost over.

On the Lank opposite the post office we found a pink forgetimenot, printer than I have ever found them. We also found a very pale pink mallow (the tall one) it was almost white. We saw one piece of the large kind of fis wat august 15. Yesterday we found a white scalins on the Watermaks Road; it was the first we had seen out. Today we saw two new flores on the fath below the jacipièce. One was a shout with downy leaves, and small white, purple - spolted flowers\_ plectranthus



12p4cmc519 Blighted \_ Cherry leaf \_

Claveria?

- Coral Fungus\_

gerandianus (Latiatae) The upper lobe of the flower is divided into three divisions; and it is a consider fact that the two left divisions are spolled with purple, while the third is quite white. The flowers are quite small. The cherry leaf on the opposite page was found on Paulter Hill. Most of the leaves of several trees were deseased in the same way. This tried of finges grows out of the ground, and looks very like coral.

August 21. Yeslenday we saw quite a mumber of minimisels in the compound. They are very brightly colonned little brids; the male has a great deal of red on it, and the young and the female have bright yellow breasts.

They generally seem to fly about several to getter, and very often have a tring crow with them. This is the first time I have seen them here.

on the precipiece path we found another achied in Prover. It is rather like

Aug. 18.1912.

Hateraria logeworthii, but the leaves are quite different. It has two broard, fleshy, dark green leaves which grow at the base of the stalk, and spread out over the ground. The flowers have a very sweet smell. We also found another kind of actual without any leaves.

ang. 23. Gesterday we found this small seed hing with a patch of yellow at the end of

each leaf.

The chirelta

So far J have

"Swertia condata",

found two truds\_ and swerter pariculata.

ang. 24. To-day we went to Panther Hill starting from here at eleven. De went down to the Sadolle, and look a path to the left which took us right round to the other side of the Hill. The path led us through some heartiful grassy stopes, in which I saw several orchids, but hearly all of them were green. I found one print one \_ Satyrium hepalense, but it was hearly over.



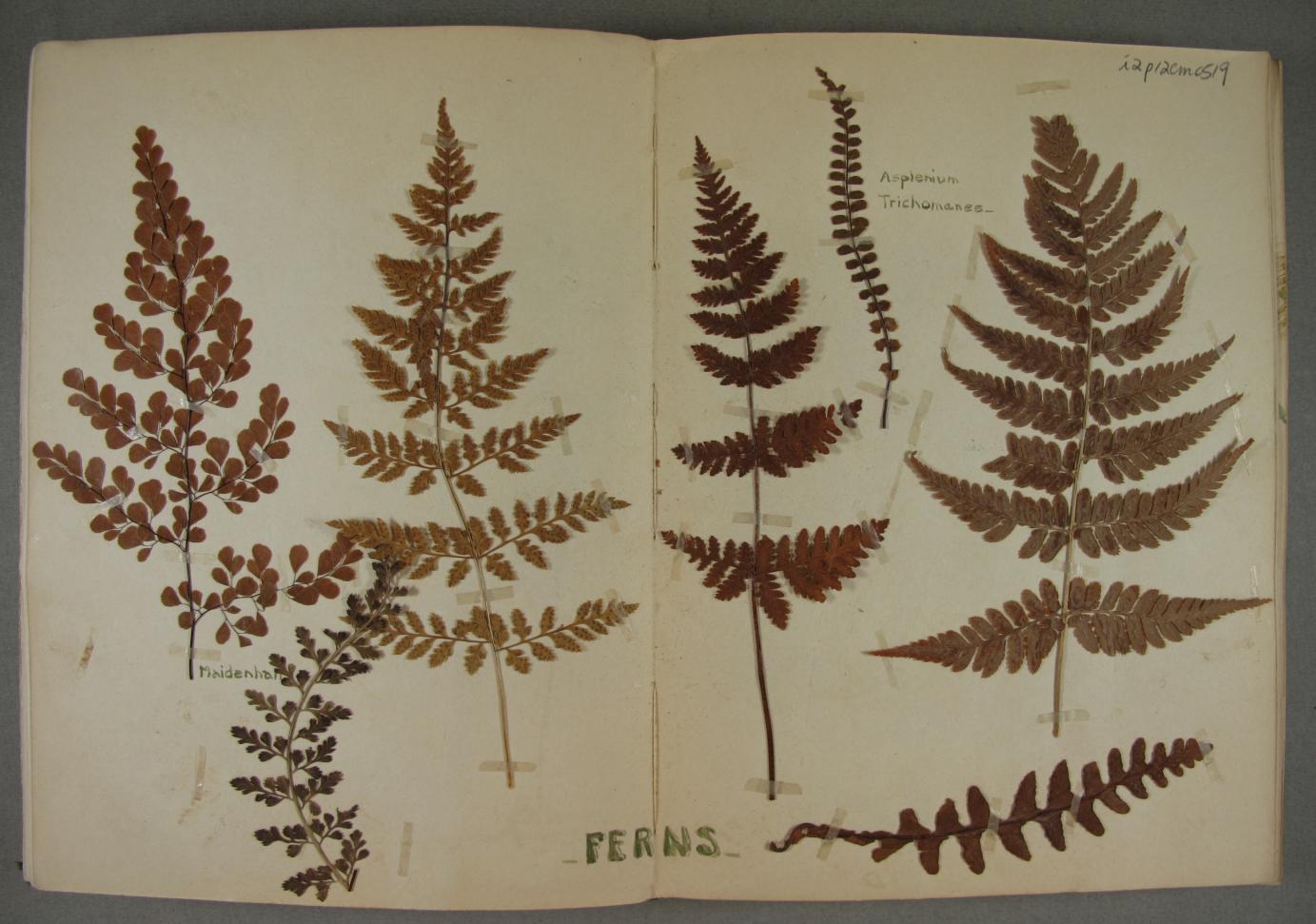


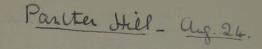
In some rocks I found a Shat Shrubby plant, somewhat resounding white knapweed. The floweds were very much the same, and the leaves were alternate, entire, and very humerons. There were several bushes of havelless joy, the first I have seen here. There seems to be home in Mandiani. Pedicularis is getting over now; I found a pure white piece. I found a third kind of chirelta\_ swertia letragona. The flowers are rather like swertie ganiculata", only each jetal has two green glands, and two small, faint maure marks just above. I looked everywhere for sunflowers which have been found wear the saddle, but I found have. Golden rod is just causing out. I found a kind of hawk weed but cannot find its name. The flowers were yellow, about half an inch in diametre, and arranged alterhately up the talk; they were sessile. The whole plant grew about tr- 2 ft. high.

12p10cme519

Sep. 6. 62 Juesday lite 320. we went to Picuic Pount, soing by the path leading from Hula- ka-dunna Saddle. I found about severtier new flowers altogether, several of which I had hever seen befal. De were especially looking out for sunflowers, but we found were. From Picuic Pornt we went on the the Frest Bungalow, and came back by the signpost. There is a good deal of this flower out how (Prenanttes Drunoniana). The flowers themselves are very pretty, but the plant is very staggling, and the leaves are chiefly radical. It varies a good deal; sometimes the stems are smooth and sometimes hairy; sometimes the leaves are simple and obling, and sometimes variously cut into Sevaal lobes.







Seems to be over, but we found a few prices which were prist coming out.

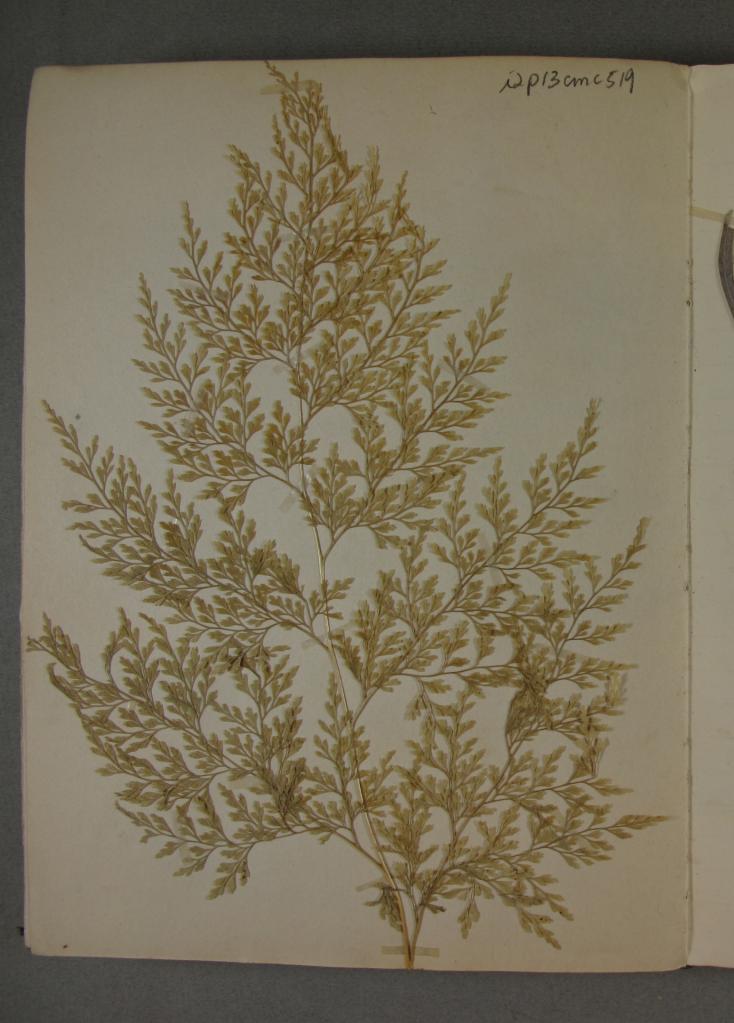
September. 10.

Jo-day we went towards halhia

Sali starting at about 11 am.

Just he fore we got tolke

Sign Post- we saw an am right quite a number of mankeys, the first I have seen. They were a good way down the khad so we could not see them very clearly. They were jum ping about in the trees, and numbing up and down them, but they seemed very she and frightened and ran away when they saw us. When we got tothe Frest Bungalow Hill we took the old path tothe right which runs through Lanks crawded with all trinds of glevers \_ vistort, cranestill, we perasets.



Further on the patt joined the one one, and this we followed some way. There was not many flowers the found as the part led through the frest hearly all the war, but the fems who lively- Maidenhair grew all along the banks, and in several places we found asplenium trichomanes' growing in the rocks. We also found several plants of no:2 on the preceeding page- The hees who magnificult, some of them was just beginning to get their autumn lints. There were serval cedars; in one place especially there who quite a number of them. On our were back we heard a great many tree - projs; they make such a noise, but are very difficult to see on account of their being almost the same Colon as the back of the tres. However, after one a tive unsuccess ful altempts, we caught are. They are a little lit like a rather





FRUIT

of the

Lobra Plant\_

Arisaema Wallichianum\_

large mott. (See book II for illustration)

oct. 13. To-day we went for a piemic at the corner just before the sign post, where there is such a splendid view of attoltahad.

There were quite a number of vultures hovering about, several flew just over our heads so that we had a very good view of them. They said along in the air, the whole afterhoor I were saw one flapping its wrigs.

I found two pieces of white repela\_ The small kind.

There is a great deal mae snow on the mountains this morning, some are white which have been without show since June. Oct. 15. Yesterday we went to Panther Hill Saddle, look the path to the right which runs along right to the end, and then worked our way up to the head of the panther. On the way up I found some blue gentains, only one plant of them. Pedicularis grows in abundance there, but it is getting over now.

September 13.1912 -

The pretty little pale pink halsam grows almost everywhere on Paulter Hill, though I have never found it air Thandiani. It also grows below Thandiani on the other side, on the path from Hula-ka-dunna to Pichic Point. De walked all along the ridge and came down again to the Saddle reaching it at about 6 pm. In the rocks, Cerning down, we found several more of the blue gentians, they are just nicely out now. On the top of the hill I found a kind of white sarlic, Ite heads of flowers some what ressembling scabious- (Bild 6 mion) Both going and coming back we saw markeys jumping about in the hees. They always seem very shey, and run down the trees when they see us, I suppose they think they are belter hidden by the undergrott. De sans a prine-marten running down the khad a good way below is. It was a pretty little animal, Unckly covered with reddish brown fur.





bet: 19. Yesterday we went again to Panther Hill De went tothe Saddle, and up the nidge from there. De found quite a lot of sentiais, (see page before) they are coming out being hice by has. The pediculais is juactically over. We went along the top, and down a steep, stoney palt just in the neck of the paulta Outte rocks there we found a small greenish white flowers, rather like stone-crop only the leaves ones in roseltes and were flesher. De found a great many sunflowers, (page 4) which we have looked for for everso long, but have hever been able to find where they grew. We saw a great many edeliveiss plants, but the flowers are quite over by how.

bet: 23. Jo-day we went part the sign-post lowards Kala Pani.

I found a late violet still in flower. A great deal of strobolanthes was growing on either side of the path.



Jo-day we started
for our form days
can pring expedition on
Parther Hill.

We camped for the
first two hights on
the spun running out
from the head, on the
night. At night I

Lead the ord which
swes two whistling
Looks at a true, the
hext two always
being at exactly the

The next day we went for a delightful walk under some tremendously high and recky precipeices. We were shown a beas' cover high up in the rock, it was a long hands hole, but we saw ho hears. However they had been seen a few weeks before. I found a good deal of the ribben form.



idp25amsig \_Strabilanthes\_

altogether I found three New Plavers - a here sage, dødder, and a tively deep purple convolvetus which gaves atundantly in the fields love down, but that was the first time I had seen it is to be The gentions are lovely on Paulter Hill wow, I have found them howhere else. I formel a great deal of a flower very like a white knopweed, growing in the rocks on Paulter Hill. (see hest page) Sep. 30. Jo-day we spent at Hula-ka-dunna. The flowers are getting being unch over now. The ferms are turning a most lovely yellowish how colour, especially that ratter like pausley fem, which is very common. The pink ice plant is now out on the precipieco palt. The daisies chlustiated on the page before, from very plentifully on James Hill. When the heads of flowers open, they are while, but Later an just as the flewers are fading they lun manve, both the while ray florets, and the yellow disc Planets.

i2p27cmc519

October 5.

Jo-day we left Thandiani. There are very few flowers left, of which ragword is the most abundant. On the way down to abbottabed I saw several flowers which I had not seen in Thandiani, and which generally grow in fields. I saw a good deal of the lovely mauve convolvatus (see next page) it is sereally found in fields, and varies very much in colour; Sometimes it is a deep print, sometimes purple, and very often dark blue. The leaves are few and small.





This punk rock plant was almost the lastto plower before we left. The leaves are thick
and pleshey, and as the plower comes ont, they
seem towilter away and turn brown.
This convolvalues I found growing as a weed
in the compound in Sahare. I was very glad
to find it as I have not had an opportunity of
painting it before.

#### -1913\_

### Luckhaw.

January 11. I found this flower growing by the side of the road hear the river. The flower itself is rather like a yellow poppy, but the leaves are just like those of a thistle.

There not found the have of the small scropularinae, I found it growing in several of the runed walls of the Residency. Yesterday we went on the River Junti, a tribulary of the Sanges. By the side of the water there was com powring, and in it, a great deal of unstand.



\_ Dehra Dun\_

iap34cm(519







#### - Thandiani-

I did not come up until the middle of June, so host of the early flowers, such as the peoply, large swrifage, maure primula, violet, horse chestant, cherry Hossom + sycamae, were over.

The white Lelleborine and clematis, usually in flower as the way up earlier in the year, were also over.

The cobra plants were all out this year I have

The cotra plants were all out; this year I have found a good deal more of the small yellow one (see hest page but one) it seems much the most scarce.

o. This yellow halsam is out earlier this year

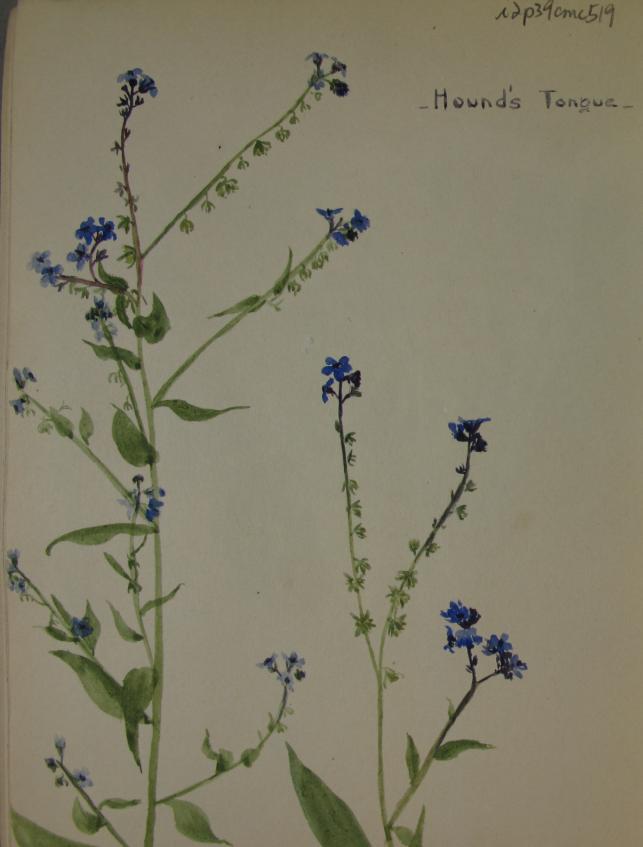
July 30. This yellow halsam is out earlier this year Itan last, as are also most of the flowers.

I supprose it is because we have had much more rain. Roscoea alpina is quite over haw, it come out about the beginning of July when the Rains begin, and lasts only a very short time, about a forthight or three weeks. Mort's hood and the large campanulos are just coming out. On Randay we found that an aria Edgewalthii, the small campanula,

idp37emc519 Spirea canescens, and Lepeta govaniana. Gesterday we went to the significant and on the way passed a strup of a hee covered with ting toad stools; there must have been hundreds, if not theis ands of them. We found a white speedwell. July 31. Gesterday we went & Hula-tra-dunna, and found the small white doisy in flower for the fist time. De found a brown puff-ball, covered with himute spines, and at the lop There was a small hole out of which the spares could be shaken out like parder. They were brownish green in colour. augusti. De followed the small sheam hear Hulatra duma Saddle, and formed a great many toud stoods and fungi growing on the decaying thee strups and logs lying in the water. among them was a juff half with a small hole at the top out of which it set its spores. We forme a good deal of white willow heat, it was just like the adin ary pink are, only it had white flowers, which I think is a rare occurrence. - July 315 1913\_

PLANTS\_ i2p38cmc519 \_COBRA Wallichianum --Arissema -Arisaema - Arisaema and leaf glavom -Jacquemonli JUNE 25-

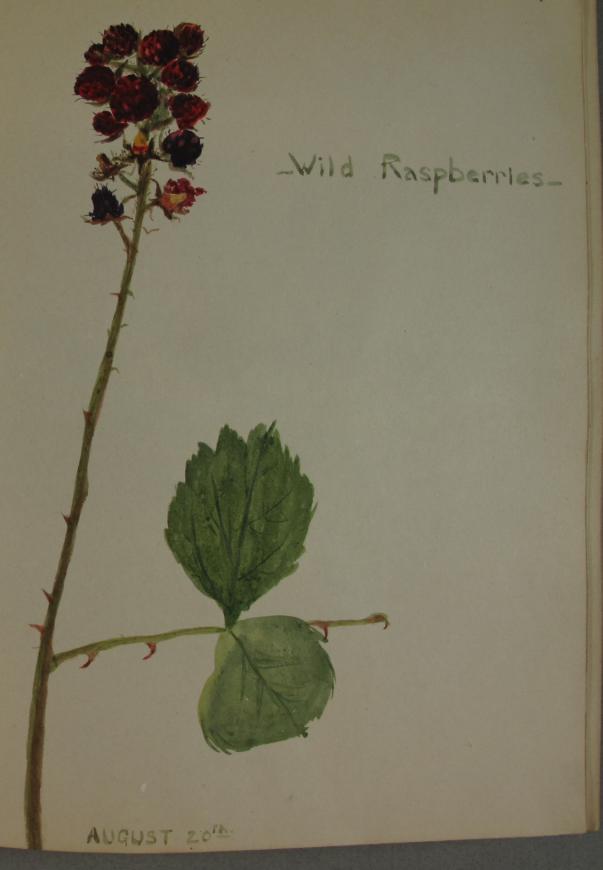
August 18,1913-



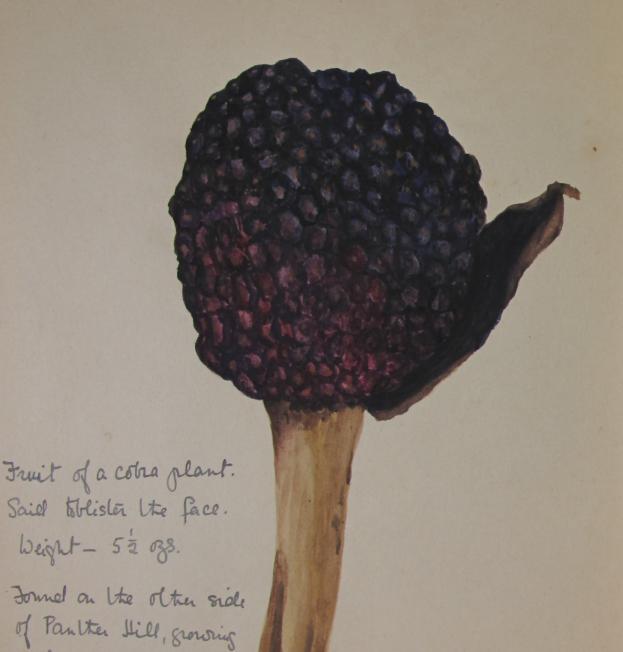
The clematis with cream coloured bell shaped august 6. flowers is just coming out. Monkshood and jellas velch are also jist out. The bees are very busy setting have, they seem expecially fond of the punk halsams, there always seem the craves of them Plying in and out.

aug: 20t. On Handay we went to the Forest Bungalow Hill, where the flowers grow very plentifully. anem ones are still out there, and much finer ones that are to be found at this end of Randiani. Prenantes is just coming out: the white leagle has been out a few days. The bernies on the following page we found grewing in grantities as a brish; Mey look lobe something like blackberries, and get like raspberies. They have very little flavour, but are soft, and seem the upe in spile of their sourhess. De saw several large woods Prigigiouring on a rotten stump, about six or seven inches across. Stey were pale brown, but turned a reddish purple when touched.

Sep: 1st. Sast Saturday we spent the day at Paulter Hill. We left here at half past nine in the morning, went down to the Saddle, and then followed the palt to the right which runs round the hill. The Plewers there differ considerably from those The found here, although the two hills one so close together. at the Saddle there is a great deal of the pretty little pink halsam, which is huret here delicate them the ordinary large pink are. Round the far side we followed a small path which led through masses of yellow habams for ever so far, 5 have herer seen such quantities. Red, white and pints bistort, large pieces of blue repela, regiont, tall mallow, red potentillas, meadow cranes tills, and wild sunflavers grew in masses a tre top of the hill. We found a great many edelwesss roofs, but all the Plaves were over. a smaller second crop comes up later on in September. He blue gentiais are Lot get out. De passed a large wahut tree with a great many walnuts on it, but they were not quite ripe. We got cought







under the roots of a

tree.

in a sharp thunderstorm on the lop, but after about two home it cleared up again and turned quite fine. The fems we pressed were lovely. Maidenhair grew everywhere, and in the rocks we found spleemont, and polypods, and a little without fem here and there. The wulfenia was magnificent, I have never seen such large pieces. On the way home we saw some man keys running up the khud, and climbing about in the trees. They are not often the seen.

Sep 7. Jesterdag I saw a snake that had just been killed.

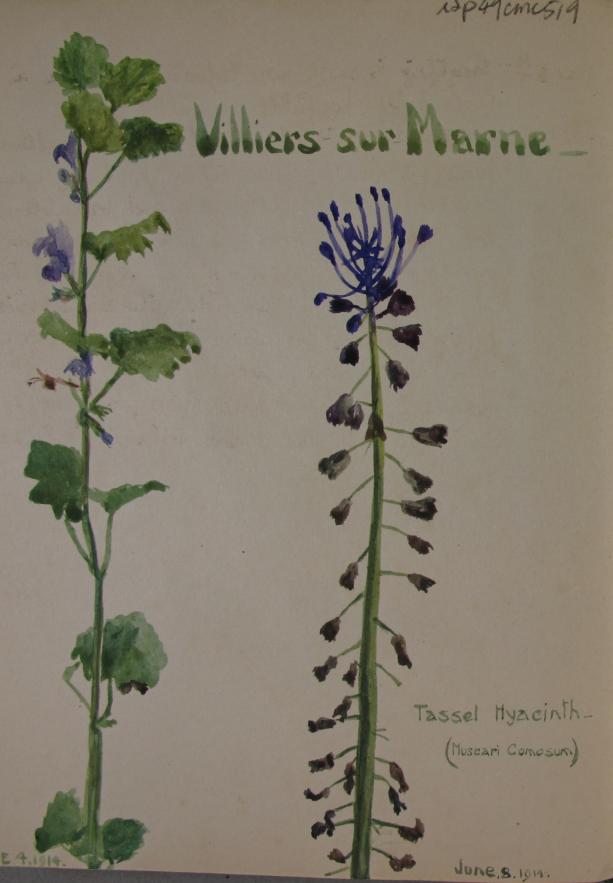
gesterdag we spent at Pariter Hill. We started at 10 an. and went along the path round Panther Hill; when we got round the Head, we climbed up to the top, came along the ridge, and down the end to the Saddle. The stowers were not ment; the wild sur flowers were guite over. I found some lovely gentions (Sentime Jamos) growing on the rocks, and two or three late

-September 24-

Sep: 14.

pieces of colelwiss. De found a large cruisar caleignillar crawling a the path, with a silver chomed head.





June 8th. Everything is much more advanced here than in England. The hasfields are full of flowers \_ clover, margnerité daisies, gellow daisies, buttercups, ladies finger and several others including many Tall grasses. The wild roses and bramble are also in flower. I found the flower on the opposite page growing in a field, I think it is a kind of onion. The wild strawlernes (fraises destrois) are ripe, they are quite large and have a delicions flavour. Gesterday I found two wild irise growing by the side of a good, but it was too wet to get them.



AUTUMN 1914.

Sheleton of a Leaf\_

The Death of the Flowers.

The melancholy days are come, the saddest of the year,

Of wailing winds, and natred woods, and meadows brown and sere.

Heaped in the hollows of the grove, the autumn leaves lie dead;

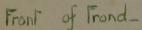
They rustle to the eddying gust, and to the rabbits tread.

The robin and the wren are flown, and from the shrubs the jay,

Hnd from the wood-lop calls the crow through all the gloomy day.

William Cullen Bryant.







- Spore-bearing Fern-

## - The Growth of an Acorn-



October 2.







October 17.









COHTZA





ROWAN LEAVES\_

\_ in Autumn\_

October 11.1914.

Berries\_

Z Tris

1916.



Sea Plantain 
dislinguished by its long fleshy

grocved leaves -

July 29-1923.

